



Patitioner's Docket No. 700157-48436

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Sodroski et al. Group:  
Application No.: 09/446,820 Examiner:  
Filed: November 10, 1998  
For: STABILIZED PRIMATE LENTIVIRUS ENVELOPE  
GLYCOPROTEINS

JUL 06 2004  
TECH CENTER 1600/2900

Assistant Commissioner for Patents  
Washington, D.C. 20231

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CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. § 1.8(a) and 1.10)

I hereby certify that the following correspondence:

1. Information Disclosure Statement (3 pgs);
2. Form PTO 1449 (6 pgs);
3. References AA, CA-GX (129 refs.);
4. Return Receipt Postcard;

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Date: December 26, 2000

  
Signature

Carline L. Lemoine  
(type or print name of person certifying)



Docket No. 700157-48436

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Applicants: Sodroski et al.

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CERTIFICATE OF MAILING

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Date:

12/26/00

Carline L. Lemoine

Sir:

INFORMATION DISCLOSURE STATEMENT

In accordance with the provisions of 37 C.F.R. §§1.56 and 1.97, Applicants herewith submit the publications and/or patents shown on the attached form PTO-1449, for consideration by the Examiner in connection with the examination of the above-identified patent application.

I. REMARKS

In accordance with the provisions of 37 C.F.R. §1.97, this statement is being filed:

X

- (1) within three (3) months of the Filing Date or before the mailing date of the First Office Action on the merits; or

- (2) within three months of the mailing date of the PCT  
International Search Report; or
- (3) after the period defined in (1) but before the mailing date of a  
**Final Rejection or Notice of Allowance**, and the requisite  
Certification or fee under Rule 1.17(p), namely \$240.00, is  
included herein; or
- (4) after the mailing date of a **Final Rejection or Notice of  
Allowance** but before the payment of the **Issue Fee**, and the  
requisite Certification, petition, and petition fee are included  
herein.

It is respectfully requested that each of the documents shown on the attached  
form(s) PTO-1449 be made of record in this application. Copies of these documents  
(CHECK ONE):

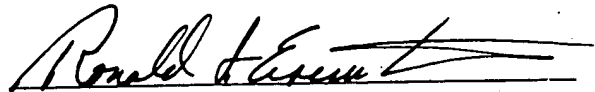
  X   are enclosed herewith; and  
— have been cited in the parent application, and are thus not being  
resubmitted herein.

Early examination and allowance of the present application are respectfully  
solicited.

#### **FEE AUTHORIZATION**

Should any fees associated with the submission be required, the  
Commissioner is authorized to charge the missing fee to our Deposit Account No.  
50-0850. Any overpayments should be credited to said Deposit Account.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "Ronald I. Eisenstein", written over a horizontal line.

Ronald I. Eisenstein (Reg. 30,628)

NIXON PEABODY LLP

101 Federal Street

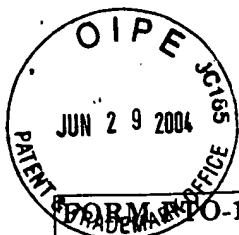
Boston, MA 02110

(617) 345-6057

Date: December 26, 2000



DOCKET NO.: 700157/48436				SERIAL NO.: 09/446,820			
INFORMATION DISCLOSURE STATEMENT				APPLICANT(S): Sodroski et al.			
FILING DATE: 11/10/98				GROUP NO.:			
UNITED STATES PATENT DOCUMENTS							
EXAM. INITIALS		DOCUMENT NUMBER	DATE	INVENTOR/ASSIGNEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE JUL 06 2004
	AA	45,817,316	Oct. 6, 1998				
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
	BA						
	BB						
	BC						
	BD						
	BE						
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
	CA	Alkhatib, G., et al., <i>Science</i> 272:1955-1958 (1996)					
	CB	Allan, JS., et al., <i>Science</i> 228:1091-1093 (1985)					
	CC	Altschul, SF., et al., <i>Nucleic Acids Res.</i> 25: 3389-3402 (1997)					
	CD	Arendrup, et al., <i>J. AIDS</i> 5:303-307 (1992)					
	CE	Arthos, J., et al., <i>Cell</i> 57:469 (1989)					
	CF	Baggioline, M., et al., <i>Adv. Immunol.</i> 55:97-179 (1994)					
	CG	Barre-Sinoussi, F., et al., <i>Science</i> 220:868-871 (1983)					
	CH	Berkower, et al., <i>J. Exp. Med.</i> 170:1681-1695 (1989)					
	CI	Berman, PW., et al., <i>Nature</i> 345:622-625 (1990)					
	CJ	Binley, J., et al., <i>AIDS Res. Hum. Retroviruses</i> , 14:191-198 (1997)					
	CK	Bolmstedt, A., et al., <i>J. AIDS</i> 12:213-220 (1996)					
	CL	Brodsky, MH., et al., <i>J Immunol.</i> 144:3078-3086 (1990)					
	CM	Bruck, et al., <i>Vaccine</i> 12:1141-1148 (1994)					



FORM NO. 10-1449

**INFORMATION DISCLOSURE  
STATEMENT**

DOCKET NO.: 700157/48436 SERIAL NO.: 09/446,820

APPLICANT(S): Sodroski et al.

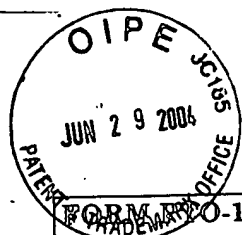
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CN	Bullough, P., et al., <i>Nature</i> 371:37-43 (1994)
CO	Burton, et al., <i>Science</i> 266:1024-1027 (1994)
CP	Cao, J., et al., <i>J. Virol.</i> 71:9808-9812 (1997)
CQ	Carr, CM., et al., <i>Cell</i> 73:823-832 (1993)
CR	Chan, DC., et al., <i>Cell</i> 89:263-273 (1997)
CS	Chen, CH., et al., <i>J. Virol.</i> 69:3771-3777 (1995)
CT	Chen, Z., et al., <i>J. Virol.</i> 71:2705-2714 (1997)
CU	Cheng-Mayer, C., et al., <i>Science</i> 240:80-82 (1988)
CV	Choe, H., et al., <i>Cell</i> 85:1135-1148 (1996)
CW	Clark, SJ, et al., <i>N. Engl. J. Med.</i> 324:950-960 (1991)
CX	Cocchi, F., et al., <i>Nature Med.</i> 2:1244-1247 (1996)
CY	Cocchi, F., et al., <i>Science</i> 270:1811-1815 (1995)
CZ	Connor, R., et al., <i>J. Exp. Med.</i> 185:628 (1997)
DA	Connor, RI., et al., <i>J. Virol.</i> 67:1772-1778 (1993)
DB	Coombs, RW., et al., <i>N. Engl. J. Med.</i> 321:1626-1631 (1989)
DC	Cordonnier, A., et al., <i>Nature</i> 340:571-574 (1989)
DD	D'Souza, et al., <i>J. Infect. Dis.</i> 175: 1056-1062 (1997)
DE	Daar, ES., et al., <i>N. Engl. J. Med.</i> 324:961-964 (1991)
DF	Daar, et al., <i>Proc. Natl. Acad. Sci. USA</i> 87:6574-6578 (1990)
DG	Dalgleish, AG., et al., <i>Nature</i> 312:763-767 (1984)
DH	Dalum, et al., <i>Mol. Immunol.</i> 34:1113-1120 (1997)
DI	Davidson, et al., <i>Nat. Genet</i> 3:219 (1993)
DJ	Dean, M., et al., <i>Science</i> 273:1856-1862 (1996)
DK	Dempsey, P., et al., <i>Science</i> 271:348-350 (1996)
DL	Deng, HK., et al., <i>Nature</i> 381:661-666 (1996)
DM	Doranz, BJ., et al., <i>Cell</i> 85:1149-1158 (1996)
DN	Dragic, T., et al., <i>Nature</i> 381:667-673 (1996)
DO	Earl, PL., et al., <i>J. Virol.</i> 65:2047-2055 (1991)



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DP	Earl, PL., et al., <i>Proc. Natl. Acad. Sci. USA</i> 87:648-652 (1990)
DQ	Emini, et al., <i>Nature</i> 355:728-730 (1991)
DR	Fauci, AS., et al., <i>Ann. Inter. Med.</i> 124:654-663 (1996)
DS	Feng, Y., et al., <i>Science</i> 272:872-877 (1996)
DT	Fenyo, E., et al., <i>J. Virol.</i> 62:4414-4419 (1988)
DU	Freed, E., et al., <i>Proc. Natl. Acad. Sci. USA</i> 87:4650-4654 (1990)
DV	Fung, et al., <i>J. Virol.</i> 66:848-856 (1992)
DW	Gallo, RC., et al., <i>Science</i> 224:500-503 (1984)
DX	Gegerfelt, et al., <i>Virology</i> 185:162-168 (1991)
DY	Geller, AI., et al., <i>J. Neurochem</i> 64:487 (1995)
DZ	Geller, AI., et al., <i>Proc Natl. Acad. Sci. U.S.A.</i> 87:1149 (1990)
EA	Geller, AI., et al., <i>Proc Natl. Acad. Sci. U.S.A.</i> 90:7603 (1993)
EB	Gerard, N., et al., <i>Curr. Opin. Immunol.</i> 6:140-145 (1994)
EC	Girard, et al., <i>Proc. Natl. Acad. Sci. USA</i> 88:542-546 (1991)
ED	Gorny, et al., <i>J. Virol.</i> 66:7538-7542 (1992)
EE	Haigwood, et al., <i>AIDS Res. Hum. Retro.</i> 6:855-869 (1990)
EF	Haigwood, et al., <i>J. Virol.</i> 66:172-182 (1992)
EG	Ho, DD., et al., <i>N. Engl. J. Med.</i> 321:1621-1625 (1989)
EH	Ho, et al., <i>J. Virol.</i> 65:489-493 (1991)
EI	Javaherian, et al., <i>Science</i> 250:1590-1593 (1990)
EJ	Kang, et al., <i>Proc. Natl. Acad. Sci. USA</i> 88:6171-6175 (1991)
EK	Kaplitt, MG., et al., <i>Nat. Genet.</i> 8:148 (1994)
EL	Karlsson, G., et al., <i>J. Virol.</i> 71:4218 (1997)
EM	Klanciecki, et al., <i>AIDS Res. Hum. Retro.</i> 7:791-798 (1991)
EN	Klatzmann, D., et al., <i>Nature London</i> 312:767-68 (1984)
EO	Kowalski, M., et al., <i>Science</i> 237:1351-1355 (1987)
EP	Lasky, L., et al., <i>Cell</i> 50:975-985 (1987)
EQ	LeGal LaSalle, et al., <i>Science</i> 259: 988 (1993)

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FORM PTO-1449

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APPLICANT(S): Sodroski et al.

FILING DATE: 11/10/98

GROUP NO.:

ER	Leonard, CK., et al., <i>J. Biol. Chem.</i> 265:10373-10382 (1990)
ES	Liu, R., et al., <i>Cell</i> 86:367-378 (1996)
ET	Lu, M., et al., <i>Nature Structural Biol.</i> 2:1075-1082 (1995)
EU	Marcon, L., et al., <i>J. Virol.</i> 71:2522-2527 (1997)
EV	Matthews, et al., <i>Proc. Nat. Acad. Sci. USA</i> 83:9709-9713 (1986)
EW	McKeating, et al., <i>J. Virol.</i> 67:4932-4944 (1993)
EX	McKeating, et al., <i>Virology</i> 190:134-142 (1992)
EY	Moebius, U., et al., <i>J. Exp. Med.</i> 176:507-517 (1982)
EZ	Moore, et al., <i>J. Virol.</i> 69:101-109 (1995)
FA	Moore, et al., <i>J. Virol.</i> 67:6136-6151 (1993)
FB	Moore, et al., <i>J. Virol.</i> 67:863-875 (1993)
FC	Moore, et al., <i>J. Virol.</i> 69:122-133 (1995)
FD	Moore, et al., <i>J. Virol.</i> 70:1863-1872 (1996)
FE	Moore, J., et al., <i>J. Virol.</i> 68:469-484 (1994)
FF	Moore, J., et al., <i>J. Virol.</i> 68:8350-8364 (1994)
FG	Muster, et al., <i>J. Virol.</i> 67:6642-6647 (1993)
FH	Myers, G., et al., "Human Retroviruses and AIDS: A Compilation and Analysis of Nucleic Acid and Amino Acid Sequences," <i>Los Alamos National Laboratory</i> , (1994)
FI	Nara, et al., <i>J. Virol.</i> 64:3779-3791 (1990)
FJ	Ohno, et al., <i>Proc. Natl. Acad. Sci. USA</i> 88:10726-10729 (1991)
FK	Olshevsky, U., et al., <i>J. Virol.</i> 64:5701-5707 (1990)
FL	Peterson, A., et al., <i>Cell</i> 54:65-72 (1988)
FM	Pinter, A., et al., <i>J. Virol.</i> 63:2674-2679
FN	Pollard, S., et al., <i>EMBO J.</i> 11:585-591 (1992)
FO	Posner, et al., <i>J. Immunol.</i> 16:4325-4332 (1991)
FP	Premack, BA., et al., <i>Nature Medicine</i> 11:1174-1178 (1996)
FQ	Profy, et al., <i>J. Immunol.</i> 144:4641-4647 (1990)
FR	Roben, P., et al., <i>J. Virol.</i> 68:4821-4828 (1994)

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PCTO-1449

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INFORMATION DISCLOSURE  
STATEMENT

APPLICANT(S): Sodroski et al.

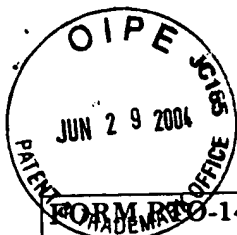
FILING DATE: 11/10/98

GROUP NO.:

FS	Robey, W., et al., <i>Proc. Natl. Acad. Sci. USA</i> 83:7023-7027 (1986)
FT	Robey, WG., et al., <i>Science</i> 228:593-595 (1985)
FU	Robinson, J., et al., <i>AIDS Res. Hum. Retro</i> 6:567-580 (1990)
FV	Rusche, et al., <i>Proc. Natl. Acad. Sci. USA</i> 84:6924-6928 (1987)
FW	Rusche, J., et al., <i>Proc. Natl. Acad. Sci. USA</i> 85:3198-3202 (1988)
FX	Ryu, SE., et al., <i>Nature London</i> 348:419-425 (1990)
FY	Samson, M., et al., <i>Nature</i> 382:722-725 (1996)
FZ	Sattentau, Q., et al., <i>J. Exp. Med.</i> 174:407-415 (1991)
GA	Sattentau, Q., et al., <i>J. Virol.</i> 67:7388-7393 (1993)
GB	Sawyer, et al., <i>J. Virol.</i> 67:1342-1349 (1994)
GC	Schuitemaker, H., et al., <i>J. Virol.</i> 66:1354-1360 (1991)
GD	Speck, R., et al., <i>J. Virol.</i> 71:7136-7139 (1997)
GE	Starcich, BR., et al., <i>Cell</i> 45:637-648 (1986)
GF	Steimer, et al., <i>Science</i> 254:105-108 (1991)
GG	Sullivan, et al., <i>J. Virol.</i> 69:4413-4422 (1995)
GH	Thali, et al., <i>J. Virol.</i> 65:6188-6193 (1991)
GI	Thali, et al., <i>J. Virol.</i> 66:5635-5641 (1992)
GJ	Thali, M., et al., <i>J. Virol.</i> 67:3978-3988 (1993)
GK	Tilley, et al., <i>Res. Virol.</i> 142:247-259 (1991)
GL	Trkola, A., et al., <i>J. Virol.</i> 70:1100-1108 (1996)
GM	Trkola, A., et al., <i>Nature</i> 384: 184-187 (1996)
GN	Wang, J., et al., <i>Nature London</i> 348:411-418 (1990)
GO	Watkins, B., et al., <i>J. Virol.</i> 67:7493 (1993)
GP	Weissenhorn, W., et al., <i>EMBO J.</i> 15:1507-1514 (1996)
GQ	Weissenhorn, W., et al., <i>Nature</i> 387:426-430 (1997)
GR	Wu, L., et al., <i>Nature</i> 384:179-183 (1996)
GS	Wyatt, et al., <i>J. Virol.</i> 69:5723-5733 (1995)
GT	Wyatt, R., et al., <i>J. Virol.</i> 67:4557-4565 (1993)

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FILING DATE: 11/10/98

GROUP NO.: *JUL 28 2004*

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	GU	Wyatt, R., et al., <i>J. Virol.</i> 71:9722-9731 (1997)
	GV	Yang, et al., <i>J. Virol.</i> 69:2004 (1995)
	GW	Zhang, L., et al., <i>Nature</i> 383:768 (1996)
	GX	Zhu, T., et al., <i>Science</i> 261:1179-1181 (1993)
EXAMINER:		DATE: